

***Allowable Subject Matter***

1. The following is an examiner's statement of reasons for allowance:

Regarding independent claim 6, prior art of record does not teach a preprocessing a database having a relation to produce an index, wherein said preprocessing step comprises: identifying a dominating vector of constants, ... receiving at a computer having a query optimization module a query having aggregation constraints, wherein said aggregation constraints are Optimization under Parametric Aggregation Constraints (OPACs) ...applying at said computer having said query optimization module said index to look up a result in response to said query having aggregation constraints and providing said result, wherein said result is an approximation.

2. Claims 6-10 are allowed.
3. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

**Contact Information**

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to SUSAN FOSTER RAYYAN whose telephone number is (571)272-1675. The examiner can normally be reached on M-F, 7:30-4:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Cottingham can be reached on 571-272-7079. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/klu/

/SUSAN FOSTER RAYYAN/  
Examiner, Art Unit 2167  
October 20, 2009

/Luke S. Wassum/  
Primary Examiner  
Art Unit 2167